ELSEVIER

Neuroscience Letters 271 (1999) 214–216

Neuroscience Letters

Contents to Volume 271

Volume 271 no. 1

Guidelines for the submission of manuscripts v

Circadian rhythms and light responsiveness of mammalian clock gene, *Clock* and *BMAL1*, transcripts in the rat retina
M. Namihira, S. Honma, H. Abe, Y. Tanahashi, M. Ikeda, K.-i. Honma (Japan) 1

Chronic exposure of rat primary astrocyte cultures to manganese results in increased binding sites for the 'peripheral-type' benzodiazepine receptor ligand ^{3}H-PK 11195
A.S. Hazell, P. Desjardins, R.F. Butterworth (Canada) 5

A comparative study of the β-adrenoceptors in higher song nuclei of birds
V. Revilla, R. Revilla, A. Fernández-López (Spain) 9

Brain water content, glucose transporter densities and glucose utilization after 3 days of water deprivation in the rat
R. Duelli, M.H. Maurer, S. Heiland, V. Elste, W. Kuschinsky (Germany) 13

Morphine applied to the thalamic nucleus submedius produces a naloxone reversible antinociceptive effect in the rat
Y.-F. Dong, J.-S. Tang, B. Yuan, H. Jia (People's Republic of China) 17

Kainic acid seizure suppression by neuropeptide Y is not correlated to immediate early gene mRNA levels in rats
T.M. Madsen, D.P.D. Woldbye, T.G. Bolwig, J.D. Mikkelsen (Denmark) 21

Trial-to-trial fluctuations in H-reflexes and motor evoked potentials in human wrist flexor
K. Funase, T.S. Miles, B.R. Gooden (Australia, Japan) 25

Tactile stimulation of the hand causes bilateral cortical activation: a functional magnetic resonance study in humans
T. Hansson, T. Brismar (Sweden) 29

Cerebrospinal fluid levels of thiamine in patients with Parkinson's disease
F.J. Jiménez-Jiménez, J.A. Molina, A. Hernánz, E. Fernández-Vivancos, F. de Bustos, B. Barcenilla, C. Gómez-Escalonilla, M. Zurdo, A. Berbel, C. Villanueva (Spain) 33

Early changes in nitric oxide synthase activity in atrial intramural arteries following experimental spinal cord injury in rats
G. Bravo, F. Larios, R. Rojas-Martínez, E. Hong, L.A. Salazar, G. Guízar-Sahagún (Mexico) 37

Externally guided control of static grip forces by visual feedback – age and task effects in 3–6-year old children and in adults
R. Blank, W. Heizer, H. von Voß (Germany) 41

Cell cycle-related protein expression in vascular dementia and Alzheimer's disease
M.Z. Smith, Zs. Nagy, M.M. Esiri (UK) 45

Characterization of spontaneous excitatory synaptic currents in newt retinal bipolar cells
F. Kawai (Japan, USA) 49

Cholinergic neurons with monoamine oxidase type B (MAOB)-activity in the laterodorsal tegmental nucleus of the mouse
K. Ikemoto, K. Kitahama, T. Maeda, M. Jouvet, I. Nagatsu (Japan, France) 53

Lack of effect of the novel anticonvulsant SB-204269 on voltage-dependent currents in neurones cultured from rat hippocampus
M. Caeser, M.L. Evans, C.D. Benham (UK) 57

5-HT_4 receptor antagonism potentiates inhibition of intestinal allodynia by 5-HT_3 receptor antagonism in conscious rats
M.I. Smith, S.E. Banner, G.J. Sanger (UK) 61

C1qB and clusterin mRNA increase in association with neurodegeneration in sporadic amyotrophic lateral sclerosis
R.P. Grewal, T.E. Morgan, C.E. Finch (USA) 65

Corrigendum 68

Volume 271 no. 2

Age-related decrease in brain-derived neurotrophic factor gene expression in the brain of the zitter rat with genetic spongiform encephalopathy
Y. Muto, T. Hayashi, Y. Higashi, T. Endo, T. Yamamoto, K. Sato (Japan) 69

Blockade of dopamine D_2, but not of D_1 receptors in the rat globus pallidus induced Fos-like immunoreactivity in the caudate-putamen, substantia nigra and entopeduncular nucleus
W. Hauber, S. Lutz (Germany) 73

Free-running circadian period does not shorten with age in female Syrian hamsters
J.F. Duffy, N. Viswanathan, F.C. Davis (USA) 77

Transient upregulation of osteopontin mRNA in hippocampus and striatum following global forebrain ischemia in rats
M.-Y.Lee, S.-L. Shin, Y.-S. Choi, E.-J. Kim, J.-H. Cha, M.-H. Chun, S.B. Lee, S.Y. Kim (South Korea) 81
Left hemisphere activation during processing of morphologically complex word forms in adults
M. Laine, J.O. Rinne, B.J. Krause, M. Teräs, H. Sipilä (Finland, Germany) 85
Cortical asymmetries of the human somatosensory hand representation in right- and left-handers
P. Sörös, S. Knecht, T. Imai, S. Gürtler, B. Lütkenhöner, E.B. Ringelstein, H. Henningsen (Germany) 89
Accumulation of mercury in neurosecretory neurons of mice after long-term exposure to oral mercuric chloride
J. Villegas, R. Martinez, A. Andres, D. Crespo (Spain) 93
Regulated secretion of amyloid precursor protein by TrkA receptor stimulation in rat pheochromocytoma-12 cells is mitogen activated protein kinase sensitive
S. Roßner, U. Ueberham, R. Schliebs, J.R. Perez-Polo, V. Bigl (Germany, USA) 97
Differential activation of c-Jun N-terminal protein kinase and p38 in rat hippocampus and cerebellum after electroconvulsive shock
S.W. Oh, Y.M. Ahn, U.G. Kang, Y.S. Kim, J.-B. Park (South Korea) 101
Enhanced Fos expression in the hippocampus of El mice after short-term vestibular stimulation
Y. Nakagawa, Y. Asano, N. Awatsu, M. Sawada, K. Nakano (Japan) 105
Expression of inducible nitric oxide synthase immunoreactivity in rat brain following chronic hypoxia: effect of aminoguanidine
K. Niwa, S. Takizawa, C. Kawaguchi, U. Kamiya, I. Kuwahira, Y. Shinohara (Japan) 109
Expanded expression of heme oxygenase-1 (HO-1) in the hypothalamic median eminence of aged as compared with young rats: an immunocytochemical study
N. Iijima, Y. Tamada, S. Hayashi, M. Tanaka, A. Ishihara, M. Hasegawa, Y. Ibata (Japan) 113
Interaction of kyotorphin and brain peptide transporter in synaptosomes prepared from rat cerebellum: implication of high affinity type H^+/peptide transporter PEPT2 mediated transport system
T. Fujita, T. Kishida, N. Okada, V. Ganapathy, F.H. Leibach, A. Yamamoto (Japan, USA) 117
Opposite regulation by glucocorticoids of the α_{1B}- and α_{2A}-adrenoreceptor mRNA levels in rat cultured anterior hypothalamic slices
E. Feuvrier, M. Aubert, F. Malaval, A. Szafarczyk, S. Gaillet (France) 121
Evidence for activation of microglia in patients with psychiatric illnesses
T.A. Bayer, R. Buslei, L. Havas, P. Falkai (Germany, Hungary) 126
Alpha-2 macroglobulin gene in early- and late-onset Alzheimer disease
G.I. Korovaitseva, S. Premkumar, A. Grigorenko, Y. Molyaka, V. Galimbet, N. Selezneva, S.I. Gavrilova, L.A. Farrer, E.I. Rogaev (Russia, USA) 129
Genetic association between alpha-2 macroglobulin and Japanese sporadic Alzheimer's disease
N. Shibata, T. Ohnuma, T. Takahashi, E. Ohtsuka, A. Ueki, H. Arai (Japan) 132
Association study of sertonin-6 receptor variant (C267T) with schizophrenia and aggressive behavior
S.-J. Tsai, H.-J. Chiu, Y.-C. Wang, C.-J. Hong (Taiwan, ROC) 135

Volume 271 no. 3

Frequency and state specific hemispheric asymmetries in the human sleep EEG
C. Roth, P. Achermann, A.A. Borbély (Switzerland) 139
Basic fibroblast growth factor promotes subplate cell survival in explant cultures of embryonic mouse cortex
S. Cooke, G. Grant, C. McLauchlan, R.B. Lotto, D.J. Price (UK) 143
Immunohistochemical localization of serotonin receptors in the rat suprachiasmatic nucleus
R.W. Moyer, D.J. Kennaway (Australia) 147
Amyloid β but not bradykinin induces phosphatidylcholine hydrolysis in immortalized rat brain endothelial cells
C.D. Anfuso, G. Lupo, M. Alberghina (Italy) 151
Expression of neurofilament L-promoter green-fluorescent protein constructs in immortalized Schwann cell-neuron coculture
L.W. Haynes, S. Schmitz, J.C.S. Clegg, A.R. Fooks (UK) 155
Nitric oxide enhances slow inactivation of voltage-dependent sodium currents in rat nodose neurons
K. Bielefeldt, C.A. Whiteis, M.W. Chapleau, F.M. Abboud (USA) 159
Heterologous expression of a green fluorescent protein–pertussis toxin S1 subunit fusion construct disrupts calcium channel modulation in rat superior cervical ganglion neurons
S.R. Ikeda, S.-W. Jeong, P.J. Kammermeier, V. Ruiz-Velasco, M.M. King (USA) 163
Alpha EEG coherence in different brain states: an electrophysiological index of the arousal level in human subjects
J.L. Cantero, M. Atienza, R.M. Salas, C.M. Gómez (Spain) 167
The effects of changing intracellular Ca^{2+} buffering on the excitability of cultured dorsal root ganglion neurones
A. Ayar, C. Storer, E.L. Tatham, R.H. Scott (UK) 171
Direct projections from the medial preoptic area to spinally-projecting neurons in Barrington's nucleus: an electron microscope study in the rat
Y.-Q. Ding, D. Wang, J.-Q. Xu, G. Ju (People's Republic of China) 175
Characterization of rat spinal cord neurons cultured in defined media on microelectrode arrays
P. Manos, J.J. Pancrazio, M.G. Coulombe, W. Ma, D.A. Stenger (USA) 179

Naftazone reduces glutamate cerebro spinal fluid levels in rats and glutamate release from mouse cerebellum synaptosomes
C. Mattei, J. Molgó, X. Joseph, M. Israël, C. Bloy (France) 183
Prostacyclin synthase is localized in rat, bovine and human neuronal brain cells
M. Mehl, H.-J. Bidmon, H. Hilbig, K. Zilles, R. Dringen, V. Ullrich (Germany) 187
Ischemia-induced glutamate release in the dentate gyrus. A microdialysis study in the gerbil
Y. Cui, L. Zhang, K. Utsunomiya, H. Yanase, A. Mitani, K. Kataoka (Japan) 191
Organotypic culture of neuroepithelium attached to olfactory bulb from adult mouse as a tool to study neuronal regeneration after $ZnSO_4$ neuroepithelial trauma
V. Michel, Z. Monnier, V. Cvetkovic, F. Math (France) 195
Effect of nitric oxide on substance P release from the peripheral endings of primary afferent neurons
N. Yonehara, M. Yoshimura (Japan) 199
Prolonged attentional dwell time in dyslexic adults
R. Hari, M. Valta, K. Uutela (Finland) 202

Errata 205
Author Index to Volume 271 210
Contents to Volume 271 214